




**POLYPHENOL-BASED BIOPRECURSOR****Publication number:** FR2887251**Publication date:** 2006-12-22**Inventor:** DESMURS JEAN ROGER; GELO PUJIC MIRJANA;  
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PARFUMS BEAUTE (FR)**Classification:****- International:** **C07D311/28; A61K8/49; A61Q19/00; C07C39/205;**  
**C07D311/00; A61K8/30; A61Q19/00; C07C39/00;****- European:** C07D311/72; A61K8/37C; A61Q19/00; C07C39/21;  
C07C69/40; C07C69/587; C07C69/734; C07C69/88;  
C07C69/92; C07D339/04**Application number:** FR20050006169 20050617**Priority number(s):** FR20050006169 20050617**Also published as:** WO2006134282 (A1)  
 EP1893555 (A1)  
 EP1893555 (A0)[Report a data error here](#)

Abstract not available for FR2887251

Abstract of corresponding document: **WO2006134282**

The invention concerns a cosmetic, therapeutic, in particular dermatological, bioprecursor of formula [A]<sub>n</sub>-PP - [B]<sub>m</sub> wherein: PP represents a polyphenol radical where each hydroxyl function is protected by a group A or a group B; A is a saturated or unsaturated, substituted or unsubstituted alkyl chain, comprising 1 to 20 carbon atoms, preferably, 1 to 4, which is bound to the polyphenol by: a carboxylic ester function on one hydroxyl function of said polyphenol; or via an A' spacer, wherein A is bound to A' by a carboxylic ester function, and A' is bound to the polyphenol by a carboxylic ester function on one hydroxyl function of said polyphenol; n represents an integer not less than 1, in particular 1, 2, 3, 4 or 5; B is a precursor of a biologically active molecule, which is bound to the polyphenol by: a carboxylic ester function on one hydroxyl function of said polyphenol; or via a spacer B', wherein B is bound to B' by a carboxylic ester function, and B' is bound by a carboxylic ester function on one hydroxyl function of said polyphenol; m represents an integer not less than 1, in particular 1 or 2.

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